

FILE 'REGISTRY' ENTERED AT 13:20:27 ON 04 DEC 2001

 E CATECHIN/CN
L1 4 S E3 OR E4 OR E5 OR E6
L2 2 S CATECHIN GALLATE/CN
 E CATECHIN GALLATE/CN
L3 2 S E3
 E GALLOCATECHIN GALLATE/CN
L4 1 S E3
 E EPICATECHIN/CN
L5 4 S E3 OR E5 OR E8 OR E9
L6 2 S EPICATECHIN GALLATE/CN
 E EPICATECHIN GALLATE/CN
L7 3 S E3 OR E4
 E EPIGALLOCATECHIN/CN
L8 2 S E3 OR E4 OR E5 OR E8
L9 12 S L1 OR L3 OR L4 OR L5 OR L7 OR L8

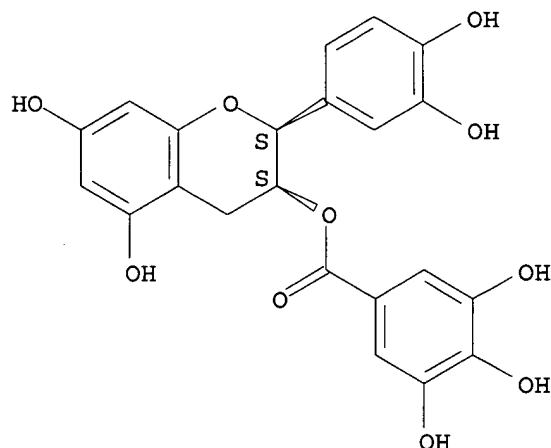
FILE 'STNGUIDE' ENTERED AT 13:30:15 ON 04 DEC 2001

FILE 'USPATFULL, HCAPLUS' ENTERED AT 13:43:58 ON 04 DEC 2001

L10 3242 S EPICATECHIN OR EPICATECHOL OR (EPI (W) (CATECHIN OR
CATECHOL)
L11 2398 S 490-46-0/RN
L12 3403 S L10 OR L11
L13 41 S EPICATECHINGALLATE OR EPICATECHOLGALLATE
L14 305 S 863-03-6/RN
L15 330 S L13 OR L14
L16 731 S 1257-08-5/RN
L17 3446 S L12 OR L15 OR L16
L18 138 S CATECHINGALLATE OR (CATECHIN (W) GALLATE)
L19 20 S 101840-48-6/RN
L20 141 S L18 OR L19
L21 0 S 20819-16-0/RN
L22 191 S (CATECHOL (2A) GALLATE)
L23 21 S 20819-16-3/RN
L24 3391 S L10 OR L22 OR L23
L25 194830 S COSMETIC? OR TOICAL? OR DERMATOLOG? OR LOTION OR CREAM OR
OIN
L26 74424 S TOPICAL?
L27 234013 S L25 OR L26
L28 3198 S 424/401/NCL
L29 180 S L24 AND (L27 OR L28)
L30 178 S L29 AND L27
L31 12 S L30 AND ((SKIN (3A) DRY) OR PSORIASIS OR ECZEMA)

L9 ANSWER 9 OF 12 REGISTRY COPYRIGHT 2001 ACS
 RN 863-03-6 REGISTRY
 CN Benzoic acid, 3,4,5-trihydroxy-, (2R,3R)-2-(3,4-dihydroxyphenyl)-3,4-dihydro-5,7-dihydroxy-2H-1-benzopyran-3-yl ester, rel- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, 3,4,5-trihydroxy-, 2-(3,4-dihydroxyphenyl)-3,4-dihydro-5,7-dihydroxy-2H-1-benzopyran-3-yl ester, cis-
 CN Epicatechol, 3-gallate (7CI)
 CN Gallic acid, 3-ester with epicatechol (8CI)
 OTHER NAMES:
 CN epi-Catechin 3-O-gallate
 CN **Epicatechin gallate**
 CN Epicatechol gallate
 FS STEREOSEARCH
 MF C22 H18 O10
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, DDFU, DRUGU, EMBASE, MEDLINE, PROMT, TOXCENTER, TOXLIT, USPATFULL
 (*File contains numerically searchable property data)

Relative stereochemistry.



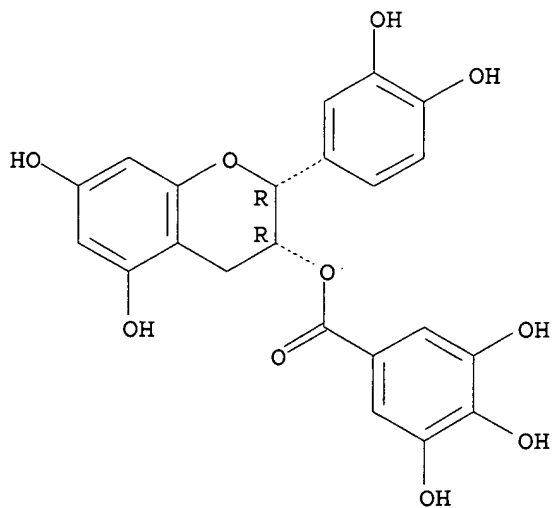
claim 8?

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

287 REFERENCES IN FILE CA (1967 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 288 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 14 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L9 ANSWER 6 OF 12 REGISTRY COPYRIGHT 2001 ACS
 RN 1257-08-5 REGISTRY
 CN Benzoic acid, 3,4,5-trihydroxy-, (2R,3R)-2-(3,4-dihydroxyphenyl)-3,4-dihydro-5,7-dihydroxy-2H-1-benzopyran-3-yl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, 3,4,5-trihydroxy-, 2-(3,4-dihydroxyphenyl)-3,4-dihydro-5,7-dihydroxy-2H-1-benzopyran-3-yl ester, (2R-cis)-
 CN Epicatechol, 3-gallate, (-)- (8CI)
 CN Epicatechol, gallate (6CI)
 CN Gallic acid, 3-ester with epicatechol, (-)- (8CI)
 OTHER NAMES:
 CN (-)-epi-Catechin 3-O-gallate
 CN (-)-Epicatechin 3-gallate
 CN (-)-Epicatechin 3-O-gallate
 CN (-)-Epicatechol gallate
 CN 3-Galloyl-(-)-epicatechin
 CN 3-O-Galloyl-(-)-epicatechin
 CN 3-O-Galloylepicatechin
 CN epi-Catechin 3-O-gallate
 CN **Epicatechin 3-O-gallate**
 CN **Epicatechin gallate**
 CN Epicatechol 3-gallate
 CN L-Epicatechin gallate
 FS STEREOSEARCH
 MF C22 H18 O10
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM, IPA, NAPRALERT, RTECS*, TOXCENTER, TOXLIT, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



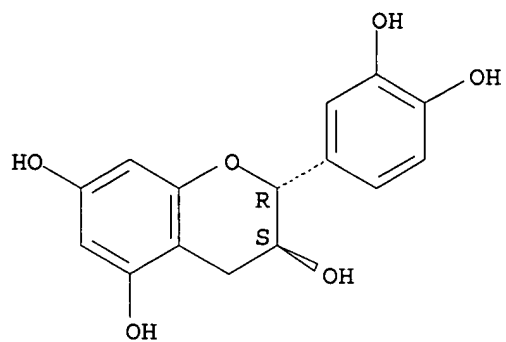
claim 8

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

711 REFERENCES IN FILE CA (1967 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 713 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 44 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L9 ANSWER 11 OF 12 REGISTRY COPYRIGHT 2001 ACS
RN 154-23-4 REGISTRY
CN 2H-1-Benzopyran-3,5,7-triol, 2-(3,4-dihydroxyphenyl)-3,4-dihydro-,
(2R,3S)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2H-1-Benzopyran-3,5,7-triol, 2-(3,4-dihydroxyphenyl)-3,4-dihydro-,
(2R-trans)-
CN Catechol (8CI)
OTHER NAMES:
CN (+)-(2R:3S)-5,7,3',4'-Tetrahydroxyflavan-3-ol
CN (+)-3',4',5,7-Tetrahydroxy-2,3-trans-flavan-3-ol
CN (+)-Catechin
CN (+)-Catechol
CN (+)-Cianidanol
CN (+)-Cyanidan-3-ol
CN (+)-Cyanidanol
CN (+)-Cyanidanol-3
CN 3-Cyanidanol, (+)-
CN Biocatechin
CN **Catechin**
CN **Catechin (flavan)**
CN Catechinic acid
CN Catechol (flavan)
CN Catechuic acid
CN Catergen
CN Cianidanol
CN Cyanidanol
CN D-(+)-Catechin
CN d-Catechin
CN D-Catechin
CN D-Catechol
CN trans-(+)-3,3',4',5,7-Flavanpentol
FS STEREOSEARCH
DR 321-01-7, 16198-00-8, 4211-28-3, 5323-80-8, 159761-73-6
MF C15 H14 O6
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS,
BIOSIS,
BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU,
EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT,
NIOSHTIC, PDLCOM*, PHAR, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER,
TOXLIT, USAN, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: EINECS**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

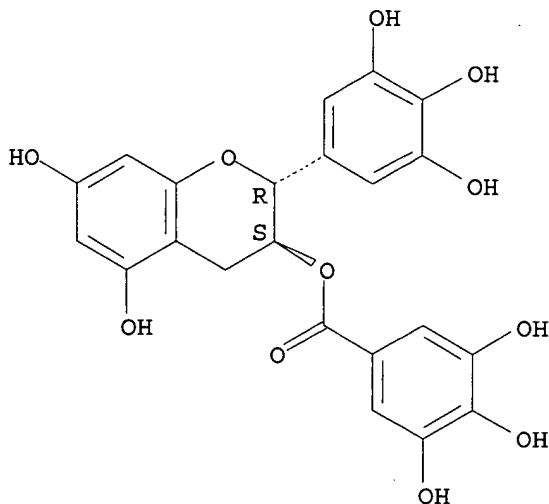
3515 REFERENCES IN FILE CA (1967 TO DATE)
 227 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3524 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L9 ANSWER 3 OF 12 REGISTRY COPYRIGHT 2001 ACS
RN 100786-01-4 REGISTRY
CN C.I. Natural Brown 3 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Catechin**
CN Catechu
CN Cutch
CN Cutch (dye)
CN Gambier
MF Unspecified
CI MAN
SR CA
LC STN Files: ADISNEWS, AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CEN,
CIN, PIRA, PROMT, RTECS*, TOXCENTER, TOXLIT, TULSA, USPATFULL
(*File contains numerically searchable property data)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
23 REFERENCES IN FILE CA (1967 TO DATE)
23 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L9 ANSWER 5 OF 12 REGISTRY COPYRIGHT 2001 ACS
 RN 5127-64-0 REGISTRY
 CN Benzoic acid, 3,4,5-trihydroxy-, (2R,3S)-3,4-dihydro-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-2H-1-benzopyran-3-yl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, 3,4,5-trihydroxy-, 3,4-dihydro-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-2H-1-benzopyran-3-yl ester, (2R-trans)-
 CN Gallic acid, ester with gallocatechol
 CN Gallocatechol gallate (6CI)
 CN Gallocatechol, 3-gallate (7CI, 8CI)
 OTHER NAMES:
 CN (+)-Galocatechol gallate
 CN 3-O-Galloyl-(+)-gallocatechin
 CN Gallocatechin 3-O-gallate
 CN **Galocatechin gallate**
 FS STEREOSEARCH
 DR 36291-30-2
 MF C22 H18 O11
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, DDFU, DRUGU, NAPRALERT, TOXCENTER, TOXLIT, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).

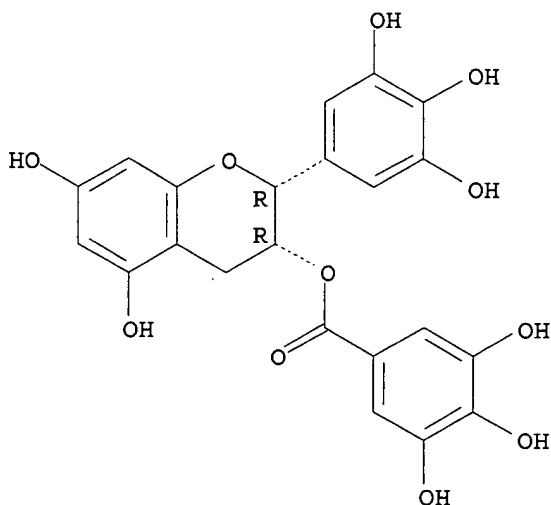


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

71 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 71 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 22 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L9 ANSWER 7 OF 12 REGISTRY COPYRIGHT 2001 ACS
 RN 989-51-5 REGISTRY
 CN Benzoic acid, 3,4,5-trihydroxy-, (2R,3R)-3,4-dihydro-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-2H-1-benzopyran-3-yl ester (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, 3,4,5-trihydroxy-, 3,4-dihydro-5,7-dihydroxy-2-(3,4,5-trihydroxyphenyl)-2H-1-benzopyran-3-yl ester, (2R-cis)-
 CN Epigallocatechol, 3-gallate (7CI)
 CN Epigallocatechol, 3-gallate, (-)- (8CI)
 CN Epigallocatechol, gallate (6CI)
 CN Gallic acid, 3-ester with epigallocatechol, (-)- (8CI)
 OTHER NAMES:
 CN (-)-epi-Gallocatechin 3-O-gallate
 CN (-)-Epigallocatechin 3-gallate
 CN (-)-Epigallocatechin 3-O-gallate
 CN (-)-Epigallocatechin gallate
 CN (-)-Epigallocatechol gallate
 CN 3-O-Galloyl-(-)-epigallocatechin
 CN epi-Gallocatechin 3-O-gallate
 CN **Epigallocatechin 3-gallate**
 CN **Epigallocatechin 3-O-gallate**
 CN **Epigallocatechin gallate**
 CN L-Epigallocatechin gallate
 CN NVP-XAA 723
 FS STEREOSEARCH
 DR 863-65-0
 MF C22 H18 O11
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CIN, CSCHM, DDFU, DRUGU, EMBASE, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PROMT, RTECS*, SYNTHLINE, TOXCENTER, TOXLIT, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).

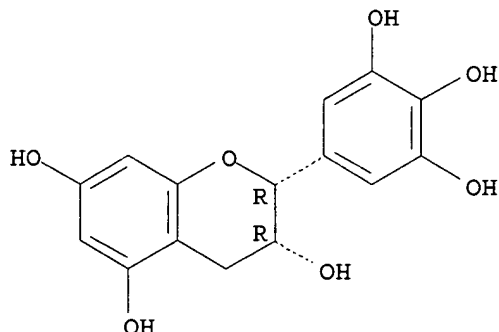


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1375 REFERENCES IN FILE CA (1967 TO DATE)
18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1384 REFERENCES IN FILE CAPLUS (1967 TO DATE)
46 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L9 ANSWER 8 OF 12 REGISTRY COPYRIGHT 2001 ACS
RN 970-74-1 REGISTRY
CN 2H-1-Benzopyran-3,5,7-triol, 3,4-dihydro-2-(3,4,5-trihydroxyphenyl)-,
(2R,3R) - (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2H-1-Benzopyran-3,5,7-triol, 3,4-dihydro-2-(3,4,5-trihydroxyphenyl)-,
(2R-cis) -
CN Epigallocatechol (8CI)
OTHER NAMES:
CN (-)-3,3',4',5,5',7-Flavanhexol
CN (-)-epi-Gallocatechin
CN (-)-Epigallocatechin
CN (-)-Epigallocatechol
CN 1-epi-3',4',5',5',7-Pentahydroxy-3-flavanol
CN 3,3',4',5,5',7-Flavanhexol
CN Antiscurvy factor C2
CN epi-Gallocatechin
CN **Epigallocatechin**
CN Factor C2 (antiscurvy)
CN 1-Epigallocatechin
CN L-Epigallocatechin
CN 1-Epigallocatechol
FS STEREOSEARCH
DR 98032-84-9, 2545-09-7
MF C15 H14 O7
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS,
BIOSIS,
BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CSCHM,
DDFU, DRUGU, EMBASE, IPA, NAPRALERT, PROMT, RTECS*, TOXCENTER, TOXLIT,
USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1072 REFERENCES IN FILE CA (1967 TO DATE)

16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1077 REFERENCES IN FILE CAPLUS (1967 TO DATE)
13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L9 ANSWER 2 OF 12 REGISTRY COPYRIGHT 2001 ACS
RN 101840-48-6 REGISTRY
CN Benzoic acid, 3,4,5-trihydroxy-, ester with (2R,3S)-2-(3,4-dihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzoic acid, 3,4,5-trihydroxy-, ester with (2R-trans)-2-(3,4-dihydroxyphenyl)-3,4-dihydro-2H-1-benzopyran-3,5,7-triol

OTHER NAMES:

CN (+)-Catechin gallate

CN **Catechin gallate**

FS STEREOSEARCH

MF C15 H14 O6 . x C7 H6 O5

SR CA

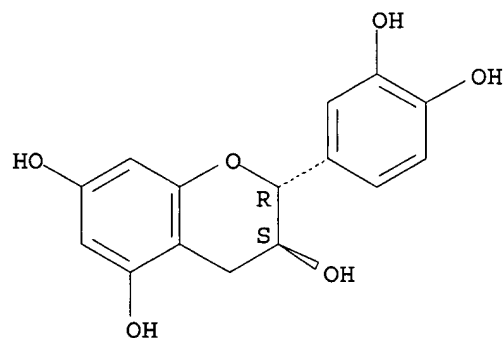
LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, NAPRALERT, TOXCENTER, TOXLIT

CM 1

CRN 154-23-4

CMF C15 H14 O6

Absolute stereochemistry. Rotation (+).

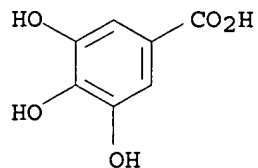


CM 2

CRN 149-91-7

CMF C7 H6 O5

claim 7



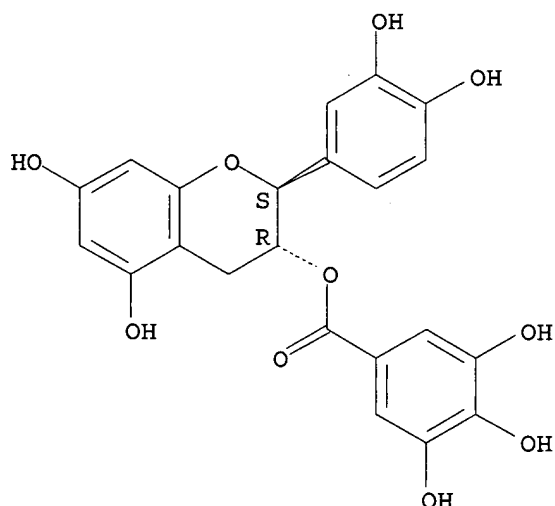
20 REFERENCES IN FILE CA (1967 TO DATE)

3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

20 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L9 ANSWER 4 OF 12 REGISTRY COPYRIGHT 2001 ACS
 RN 20819-16-3 REGISTRY
 CN Benzoic acid, 3,4,5-trihydroxy-, (2R,3S)-2-(3,4-dihydroxyphenyl)-3,4-dihydro-5,7-dihydroxy-2H-1-benzopyran-3-yl ester, rel- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, 3,4,5-trihydroxy-, 2-(3,4-dihydroxyphenyl)-3,4-dihydro-5,7-dihydroxy-2H-1-benzopyran-3-yl ester, trans-
 CN Catechol, 3-gallate (7CI, 8CI)
 OTHER NAMES:
 CN **Catechin 3-gallate**
 CN **Catechin gallate**
 FS STEREOSEARCH
 DR 10517-25-6
 MF C22 H18 O10
 LC STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, TOXCENTER, TOXLIT
 (*File contains numerically searchable property data)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

21 REFERENCES IN FILE CA (1967 TO DATE)
 21 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)